Publication No. 1C0941
2/94

MODIFICATION INSTRUCTIONS

for the

Kodak X-Omat 180 LP PROCESSOR

Service Code: 3227

Modification No. 3

Type 1 Required

Purpose: To prevent solution leakage caused by cracked or broken FITTINGS.

IMPORTANT

Use qualified personnel to install this modification.

Service Effects:	None
Special Requirements:	None
Serial Numbers:	101 - 568
Installation Time:	Approximately 1 hour
Special Tools:	Clamps TL-2170
Parts Status:	Available from Service Parts Management
Parts Requirements:	See the Parts List on page 2

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CAUTION

This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

Parts List for Modification Kit No. 3, Part No. 1C4499:

Part No.	Description	Quantity
1C4520	FITTING - 3/8 in.	4
779376	NUT - 3/8 in.	4
489174	WASHER - rubber, 3/8 in.	4
1C4519	FITTING - 5/8 in.	6
779377	NUT - 5/8 in.	6
1C4721	WASHER - rubber, 5/8 in.	6
1C4523	FITTING - 1 in.	1
779378	NUT - 1 in.	1
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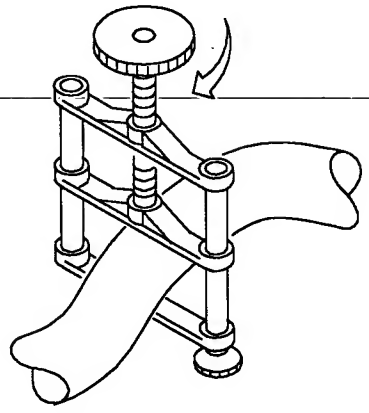
[1] Deenergize the PROCESSOR.

[2] Stop the flow of replenisher by installing 2 CLAMPS TL-2170 on the HOSES from the developer and fixer REPLENISHMENT TANKS.



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Clamp TL-2170

[3] Lift the TOP COVER.

[4] Remove:

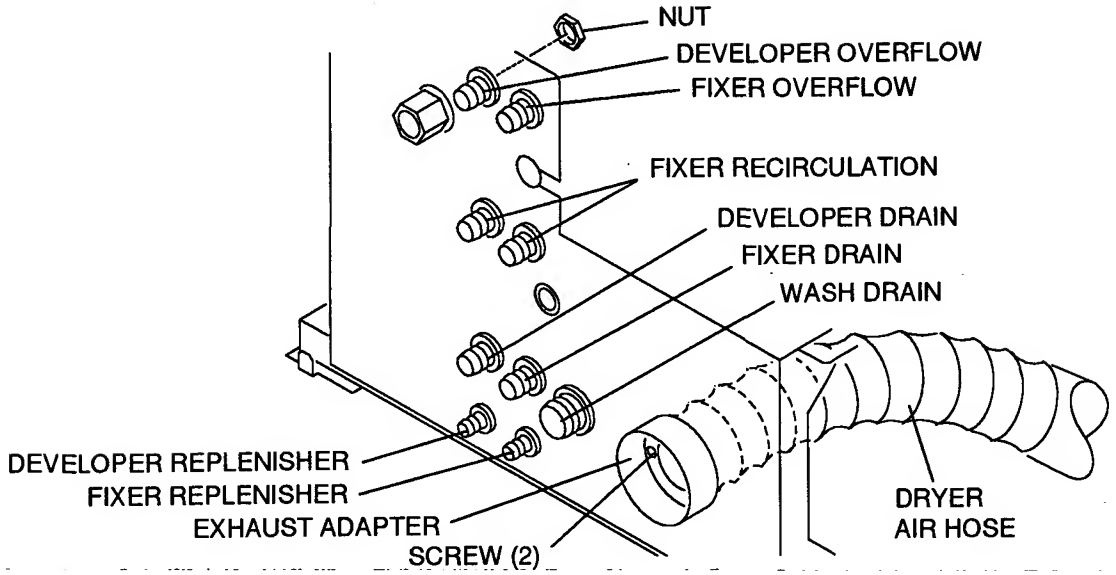
- NON-DRIVE SIDE PANEL
- DRYER SIDE PANEL

IMPORTANT

- For correct connection to the new FITTINGS, observe or record the positions of the HOSES before removing the HOSES from the existing FITTINGS.
- Change the FITTINGS for the FIXER RECIRCULATION, even if not now being used. If used in the future, the FIXER RECIRCULATION should be connected to **new style** FITTINGS.

[5] On both sides of the BULKHEAD PANEL, remove the HOSES, NUTS, and existing FITTINGS for the:

- DEVELOPER OVERFLOW
- FIXER OVERFLOW
- FIXER RECIRCULATION



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CAUTION

- Install the rubber WASHERS between the BULKHEAD PANEL and the FITTINGS, not between the BULKHEAD PANEL and the NUTS.
- Do not overtighten the NUTS when installing the new FITTINGS.

[6] Install the new FITTINGS for the FIXER RECIRCULATION.

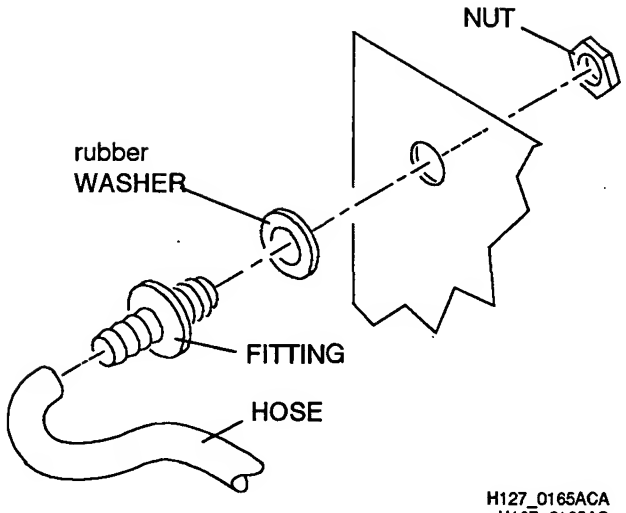
(a) Install the rubber WASHERS in the correct position on the FITTINGS. See the figure at the right.

(b) Insert the new FITTINGS through the holes in the BULKHEAD PANEL with the rubber WASHERS between the BULKHEAD PANEL and the FITTINGS.

(c) Install the NUTS on the FITTINGS. Tighten the NUTS **until the NUTS make contact** with the BULKHEAD PANEL.

(d) Tighten the NUTS an additional ¼ rotation to compress the WASHERS.

(e) Install the HOSES on the FITTINGS.



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[7] Do Step [6] for the:

- FIXER OVERFLOW
- DEVELOPER OVERFLOW

[8] For easier access, remove and keep:

- DRYER AIR HOSE
- 2 SCREWS and EXHAUST ADAPTER

[9] On both sides of the BULKHEAD PANEL, remove the HOSES, NUTS, and existing FITTINGS for the:

- FIXER DRAIN
- FIXER REPLENISHER
- DEVELOPER DRAIN
- DEVELOPER REPLENISHER
- WASH DRAIN

[10] Do Step [6] to install new FITTINGS for the:

- DEVELOPER DRAIN
- DEVELOPER REPLENISHER
- FIXER DRAIN
- FIXER REPLENISHER

[11] Install:

- new FITTING for the WASH DRAIN

NOTE

The FITTING for the WASH DRAIN has no rubber WASHER.

- HOSES for the WASH DRAIN
- EXHAUST ADAPTER and the 2 SCREWS
- DRYER AIR HOSE

[12] Remove the HOSES, NUTS, and existing FITTINGS for the:

- DEVELOPER TANK
- FIXER TANK

[13] Install the new FITTINGS for the DEVELOPER TANK and the FIXER TANK:

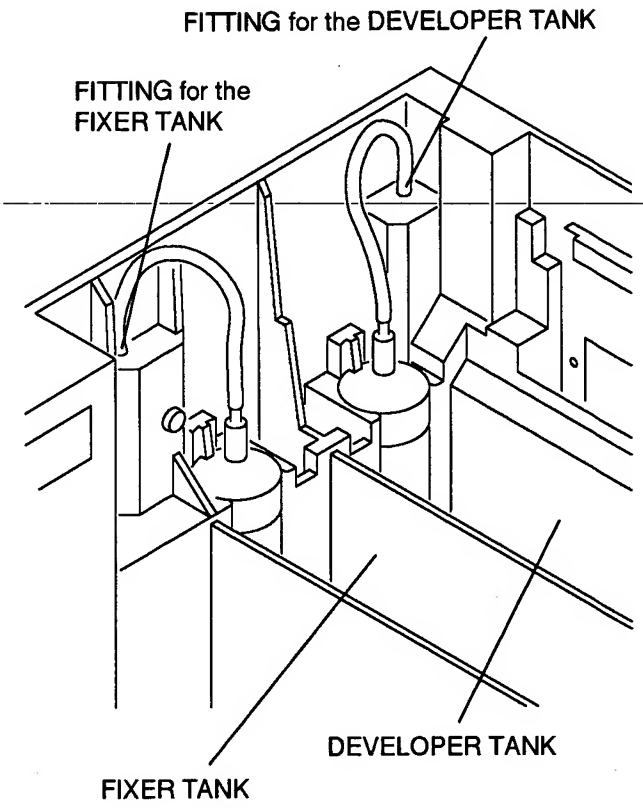
(a) Install the rubber WASHERS in the correct position on the FITTINGS.

(b) Insert the new FITTINGS through the holes in the TANKS with the rubber WASHERS between the TANKS and the FITTINGS. See the figure on page 4.

(c) Install the NUTS on the FITTINGS. Tighten the NUTS **until the NUTS make contact** with the wall of the TANKS.

(d) Tighten the NUTS an additional ¼ rotation to compress the WASHERS.

(e) Install the HOSES on the FITTINGS.



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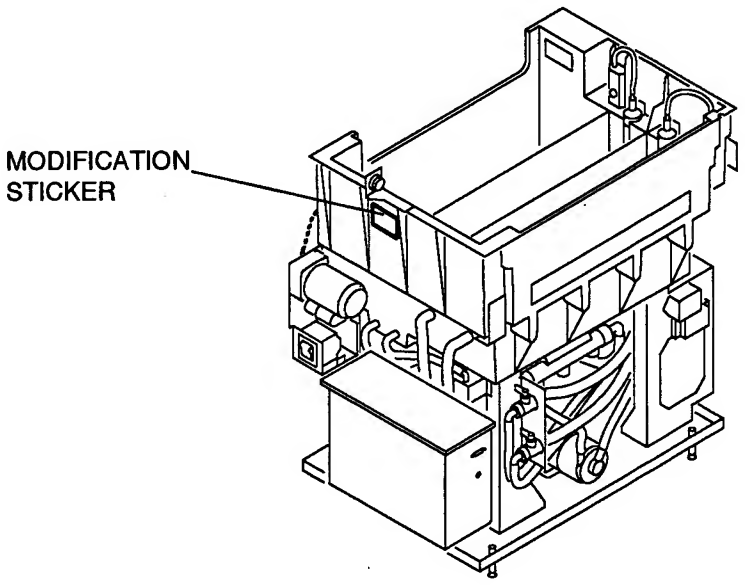
[14] Remove the CLAMPS TL-2170 from the HOSES from the REPLENISHMENT TANKS.

[15] Close the TOP COVER.

[16] Check for leakage and correct operation of the PROCESSOR.

[17] Circle "3" on the MODIFICATION STICKER.



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